

Bibliography—

The Bibliography includes both material cited in the text of the workbook and suggested additional readings.

Albers, P.H., 2002. Sources, fate, and effects of PAHs in shallow water environments: a review with special reference to small watercraft. *Journal of Coastal Research*. Special Issue 37.

Alexander, C. R. and M.H. Robinson. 2004. *GIS and Field-Based Analysis of the Impacts of Recreational Docks on the Saltmarshes of Georgia*. Final Report prepared for the Georgia Coastal Zone Management Program. 40 pp.

Anderson, Franz. 2000. *Effect of Wave-wash from Personal Watercraft on Salt Marshes*. A final report submitted to the NOAA/UNH Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET).

Banerjee, T. and J. Gollub. 1976. The public view of the coast; Toward indicators for coastal planning and management. In *The Behavioral Basis of Design, Book 1 Selected Papers*. P. Suefeld and J.A. Russell (eds.) pp. 115–122 Dowden, Hutchinson & Ross. Stroudsburg, PA.

Beal, J.L., B.S. Schmit, and S.L. Williams. 1999 *The effects of dock height and alternative construction materials on light irradiance (PAR) and seagrass Halodule wrightii and Syringodium filiforme cover*. Florida Department of Environmental Protection, Office of Coastal and Aquatic Managed Areas (CAMA). CAMA notes.

Best, Peter Namvedt. 2002. *Blakely Harbor Cumulative Impact Assessment: Working Draft of February 22, 2002*. City of Bainbridge Island, Department of Planning and Community Development, www.ci.bainbridge-isl.wa.us. 27 Pp.

Brooks, K.M. 1996. Evaluating the environmental risks associated with the use of chromated copper arsenate-treated wood products in aquatic environments. *Estuaries* 19:296–305.

Burdick, D.M. and F.T. Short. 1998. *Dock Design with the Environment in Mind: Minimizing Dock Impacts to Eelgrass Habitats*. An interactive CD ROM published by the University of New Hampshire, Durham, NH.

Burdick, D.M. and F.T. Short. 1999. The Effects of Boat Docks on Eelgrass Beds in Coastal Waters of Massachusetts. *Environmental Management*, 23: 231–240.

Burns, Max. 1999. *The Dock Manual*. Storey Books, Pownal, Vermont. 201 pp.

Camfield, F. E., R.E.L. Ray, and J.W. Eckert. 1980. *The Possible Impact of Vessel Wakes on Bank Erosion*. Prepared by USACOE, Fort Belvoir, Virginia, for US Department of Transportation and US Coast Guard, Washington, D.C. Report No. USCG–W–1–80 114 pp. NTIS No. ADA-083-896.

- Canter, Larry W. 1996. Prediction and Assessment of Visual Impacts. In *Environmental Impact Assessment*. McGraw-Hill, Inc. ISBN: 0070097674
- Coastal Services Center. 2005. *Alternatives for Coastal Development: One site, three scenarios*. www.csc.noaa.gov/alternatives/docks.html
- Colligan, Mary and Cori Collins. 1995. *The Effect of Open-Pile Structures on Salt Marsh Vegetation*. NOAA/NMFS Habitat and Protected Resources Division. Pre-publication copy—not for distribution. 44p.
- Cooper, P.A. 1990. Leaching of CCA from Treated Wood. *Proc. Canadian Wood Preservation Association II*: 144–169.
- Costa, Joe and John Rockwell. 2004. *A prioritization method for protecting aquatic resources using dock and pier regulations and water sheet zoning*. A paper presented at the Coastal Society 19th International Conference. Buzzards Bay National Estuary Program, East Wareham, MA 02538.. www.buzzardsbay.org/dockpiermodel.htm
- Crawford, R. N.Stolpe and M. Moore, Eds. 1998. *The Environmental Impacts of Boating: Proceedings of a workshop held at Woods Hole Oceanographic Institution, Woods Hole, MA. December 7–9 1994*. Technical Report WHOI-98-03
- Crawford, R. 1998. Measuring Boating Effects of Turbidity in a Shallow Coastal Lagoon. In *The Environmental Impacts of Boating: Proceedings of a workshop held at Woods Hole Oceanographic Institution, Woods Hole, MA December 7–9 1994*. Technical Report: WHOI-98-03. R. Crawford, N. Stolpe and M.Moore. Eds.
- Crawford, R. 2002. Secondary Wake Turbidity From Small Boat Operation in a Shallow, Sandy Bay. *Journal of Coastal Research Special Issue 37*.
- Daly, Sally. 1994. Treated lumber and natural area access structures. *Natural Areas Journal*. 14: 60-63.
- Dobberfuhl, Dean. 2005. Personal Communication. St. Johns River Water Management District, Palatka, FL.
- Downes, J.J. Torrance. 2004. *Lower Connecticut River Dock Impact Study: Creation of a General Plan*. Connecticut River Estuary Regional Planning Agency, Old Saybrook, CT.
- Duerksen, Christopher J. and Richard J. Roddewig. 1994. *Takings Law in Plain English*. American Resources Information Network. Washington, DC 20033.
- Dunton, Kenneth H. and Susan Schonberg. 2002. Assesment of Propeller Scarring in Seagrass Beds of the South Texas Coast. *Journal of Coastal Research*. Special Issue 37.
- Eluterius, L.N. 1987. Seagrass ecology along the coasts of Alabama, Louisiana, and Mississippi. In Durako, M.J., R.C. Phillips, and R.R. Lewis III (Eds.).*Proceedings of the Symposion of Subtropical-tropical Seagrssses of the Southeastern United States*. Florida Marine Research Publications No. 42 pp. 11–24.

- Evert, C.H., and A.E. DeWall. 1975. *Coastal Sand Level Changes in North Carolina*. Draft Report, Coastal Engineering Research Center, US Army Corps of Engineers.
- Felts, Arthur A., M. Freeman, M. Radic, and K. Walsh. 2001. *Survey of Coastal Residents' Perceptions of Docks*. Joseph P. Riley Institute for Urban Affairs and Policy Studies, College of Charleston, SC. Prepared for the South Carolina Department of Health and Environmental Control.
- Felts, Arthur A. and Marijana Radic. 2002. *Survey of Coastal Dock Owners' Perceptions of Docks*. Joseph P. Riley Institute for Urban Affairs and Policy Studies, College of Charleston, SC. Prepared for the South Carolina Department of Health and Environmental Control.
- Garrison, Paul J., David W. Marshall, Laura Stremick-Thompson, Patricia L. Cicero, and Paul D. Dearlove. 2005. *Effects of pier shading on littoral zone habitat and communities in Lakes Ripley and Rock, Jefferson County, Wisconsin*. Wisconsin Department of Natural Resources, Jefferson County Land and Water Conservation Department and Lake Ripley Management District. Pub-SS-1006 2005.
- Gutwin, John. 2004. Telephone communication. Pepperchrome, Portland, ME. <www.pepperchrome.com>. <jgutwin@pepperchrome.com>
- Hagerty, D. J., M.F. Spoor and C.R. Ullrich. 1981. Bank Failure and Erosion on the Ohio River. *Engineering Geology*. 17:141–158.
- Hartge, P. 1998. Boating Induced Turbidity. In *The Environmental Impacts of Boating: Proceedings of a workshop held at Woods Hole Oceanographic Institution, Woods Hole, MA December 7–9 1994*. Technical Report WHOI-98-03. R. Crawford, N. Stolpe and M. Moore. Eds.
- Hruby, T. 1990. *Long Island region tidal wetlands management manual. Part III: Management Plan Development*. Seatuck Research Program, Islip, NY 42 pp.
- Johnson, J.W. 1973. Proposal preparation for Department of Navigation and Ocean Development. Unpublished information.
- Kearney, V., Y. Segal and M.W. Lefor. 1983. *The Effects of Docks on Salt Marsh Vegetation*. The Connecticut State Department of Environmental Protection, Water Resources Unit, Hartford, CT. 06106.
- Kelty, Ruth and Steve Bliven. 2003. *Environmental and Aesthetic Impacts of Small Docks and Piers: Workshop Report: Developing a Science-Based Decision Support Tool for Small Dock Management, Phase 1: Status of the Science*. NOAA Coastal Ocean Program, Decision Analysis Series Number 22. NOAA Coastal Ocean Program, 1305 East-West Highway, Silver Spring, MD, 20910. Copies of the report may be downloaded from www.nccos.noaa.gov/publications/notables.html#dp.
- Kennish, Michael J., (Editor). 2002. Impacts of Motorized Watercraft on Shallow Estuarine and Coastal Marine Environments. *Journal of Coastal Research*. Special Issue 37.

- Kenworthy, Judson W. and Daniel E. Haurert (eds.) 1991. *The Light Requirements of Seagrasses; proceedings of a workshop to examine the capability of water quality criteria, standards and monitoring programs to protect seagrasses*. NOAA Technical Memorandum NMFS-SEFC-287. NMFS Beaufort Laboratory, Beaufort, NC 28516-9722.
- Koch, E.W. and S. Beer. 1996. Tides, light and the Distribution of *Zostera marina* in Long Island Sound, USA. *Aquatic Biology*. 53: 97–107.
- Knutson, M. G, D. J. Leopold & R.C. Smardon. 1993. Selecting islands and shoals for conservation based on biological and aesthetic criteria. *Environmental Management* 17: 199–210.
- Kruer, Curtis. 1998. Boating Impacts On Seagrass Habitats In Florida. In *The Environmental Impacts of Boating: Proceedings of a workshop held at Woods Hole Oceanographic Institution, Woods Hole, MA December 7–9 1994*. Technical Report: WHOI-98-03. R. Crawford, N. Stolpe and M. Moore. Eds.
- Lefor, Michael Wm. 1992. In *Restoring Connecticut's Coastal Resources: A handbook for municipal officials*. Connecticut Sea Grant Publications #CT-SG-92-04.
- Ludwig, Michael. 2000. Presentation at Massachusetts Coastal Zone Management Office Workshop "The Science and Management of Docks and Piers. Workshop summary at www.mass.gov/czm/dockpierssummary.htm.
- Ludwig, Michael. 2003. National Marine Fisheries Service, Milford (CT) Laboratory.
- Luoma, S. N., and J. A. Davis. 1983. Requirements for modeling trace metal partitioning in oxidized estuarine sediments. *Marine Chemistry* 12:159-181.
- Luoma, S.N. and Carter, J.L. 1991. Effects of trace metals on aquatic benthos. In *Metal Ecotoxicology: Concepts and Applications*. Newman, M.C. and McIntosh, A.W., Eds Chelsea, MI., Lewis Publishers, p. 261–300.
- Macfarlane, S.L., J. Early, T. Henson, T. Balog & A. McClennen. 2000. A Resource-based Methodology to Assess Dock and Pier Impacts on Pleasant Bay, Massachusetts *J. Shellfish Research*. 19: 455–464.
- Macfarlane, Sandra. 2003. *Dock and Pier Project*. Report prepared for the Barnstable County (MA) Cooperative Extension, Barnstable MA.
- Maine State Planning Office, Maine Coastal Program. 1997. *The Waterfront Construction Handbook: Guidelines for the Design and Construction of Waterfront Facilities*. Maine Coastal Program, Augusta, ME. 93 pp.
- Massachusetts Department of Environmental Protection. Undated, ca. 1979. *A Guide to the Coastal Wetlands Regulations of the Massachusetts Wetlands Protection Act (G.L. 131, s.40)*.
- McElfish, James M., Philip Warburg, and John Pendergrass. 1996. *Property: Past, Present, Future*. Research Brief #6. Environmental Law Institute. Washington, DC 20036.

- McGregor, Gregor. 2003. *Developing a Science-Based Decision Support Tool for Small Dock Management. Phase II Management Options*. A workshop presentation. McGregor & Associates, Boston, MA 02111.
- McGuire, H.L. 1990. *The Effects of Shading by Open-pile Structures on the Density of Spartina alterniflora*. Unpublished Master's Thesis from the Virginia Institute of Marine Science.
- Milliken, A. S., and V. Lee. 1990. *Pollution impacts from recreational boating: A bibliography and summary review*. Rhode Island Sea Grant. P 1134. RIU-G-90-002. 26 pp.
- Miller, H.C., W.A. Birekmeir, and A.E. DeWall. 1983. *Effects of CERC Research Pier on Nearshore Processes*. US Army Coastal Engineering Research Center. Reprint 83-13.
- Moore, Michael. 1998. Aromatic Hydrocarbons: Two-Cycle vs. Four-cycle. In *The Environmental Impacts of Boating: Proceedings of a workshop held at Woods Hole Oceanographic Institution, Woods Hole, MA December 7–9 1994*. Technical Report WHOI-98-03. R. Crawford, N. Stolpe and M. Moore. Eds.
- New England District, US Army Corps of Engineers. 1996. *Guidelines for the placement of fixed and floating structures in navigable waters of the United States regulated by the New England District, U.S. Army Corps of Engineers*. Available at www.nae.usace.army.mil/reg/reg2.htm
- Nightengale, B and C. Simenstad. 2001. *White paper—overwater structures: marine issues*. Rept. No. WA-RD 508.1, Washington State Transportation Center, University of Washington, Seattle, WA. 133 pp + append.
- Noble, Ronald. 1978. Coastal Structures' Effects on Shorelines. In *Proceedings of the Sixteenth Coastal Engineering Conference*, v. III. American Society of Civil Engineers. New York, NY.
- Phillips, R.C. 1960. *Observations of the Ecology and Distribution of Florida Seagrasses*. Professional Paper Series 2. State Board of Conservation Marine Laboratory. St. Petersburg, FL
- Pleasant Bay Technical Advisory Committee & Ridley & Associates. 1998. *Pleasant Bay Resource Management Plan*. Prepared for the Pleasant Bay Steering Committee. Brewster, Chatham, Harwich, and Orleans, MA.
- Pleasant Bay Resource Management Alliance. 1999. *Guidelines and Performance Standards for Docks and Piers in Pleasant Bay*. www.pleasantbay.org/dockguidelines.pdf
- Poole, Bruce M. 1987. *Diagnostic/Feasibility Study for Lagoon Pond Oak Bluffs, Tisbury, MA*. SP Engineering, Inc. Salem MA

- Roberge, John C. and Geoffrey Steadman. 2004. *Town of Chester Dock Management Study: Proposed dock management addendum to the Chester Harbor Management Plan*. Prepared for the Chester Harbor Management Commission, Chester, Connecticut.
- Sanger, D.M., A.F. Holland and G.I. Scott. 1999. Tidal creek and salt marsh sediments in South Carolina Coastal Estuaries. I. Distribution of trace metals. *Archives of Environmental Contamination and Toxicology* 37:936–943.
- Sanger, D.M. and A.F. Holland. 2002. *Evaluation of the Impacts of Dock Structures on South Carolina Estuarine Environments*. SC Department of Natural Resources, Marine Resources Division Technical Report Number 99. Charleston, SC.
- Shaefer, D. 1999. The Effects of Dock Shading on the Seagrass *Halodule wrightii* in Perdido Bay, Alabama. *Estuaries* 22: 936–943.
- Shaefer, D. and J. Lundin. 1999. *Design and Construction of Docks to Minimize Seagrass Impacts*. US Army Corps of Engineers WRP Technical Note VN–RS–3.1 June 1999. Available at www.wes.army.mil/el/wrtc/wrp/tnotes/vnrs3-1.pdf
- Shaefer, D and J. Robinson. 2001. An evaluation of the use of grid platforms to minimize shading impacts to seagrasses. *WRAP Technical Notes Collection* (ERDC TN-WRAP–01–02. US Army Engineer Research and Development Center, Vicksburg, MS. Available at www.wes.army.mil/el/wrap.
- Shannon, S.S., R.C. Smardon, A. Rice & G. Jordan. 1990. *St. Lawrence River Scenic Quality Study; Ogdensburg-Massena*. Prepared for Surplus Lands Task Force and NY Power Authority by Faculty of Landscape Architecture, SUNY/ESF, Syracuse, NY.
- Sheppard, S.R.J. 1986. Simulating changes in the landscape. In *Foundations for Visual Project Analysis*. R.C. Smardon, J. Palmer, and J. Felleman (P. Suefeld and J.A. Russell (eds.)), John Wiley and Sons, New York, NY. Available for downloading via the Internet at www.esf.edu/es/via
- Sheppard, S.R.J. 1989. *Visual Simulation: A User's Guide for Architects, Engineers and Planners*. Van Nostrand Rhinehold. New York, NY.
- Smardon, R.C., J.F. Palmer & J.P. Felleman. 1986. *Foundations for Visual Project Analysis*. John Wiley & Sons, New York, NY. AINS 0471881848. 374 pp. Available for downloading via the Internet at www.esf.edu/es/via
- Smardon, R.C. 1987. Visual access to 1,000 lakes (islands); Researching and managing visual occupancy. *Landscape Architecture* 77: 86–91
- Smardon, R.C., J.F. Palmer, A. Knopf, K. Grinde. 1988. *Visual Resource Assessment Procedures of the US Army Corps of Engineers*. Instruction Report 88–1, USACOE, Waterways Experimental Station, Environmental Research Laboratory, Vicksburg, MS. Available for downloading via the Internet at www.esf.edu/es/via
- Smardon, R.C. 1988. "Visual impact assessment for island and coastal environments." *Impact Assessment Bulletin* 6(1): 5–24

- Smardon, R.C. & J. P. Karp. 1992. *The Legal Landscape; Guidelines for Regulating Environmental and Aesthetic Quality*. John Wiley & Sons. New York, NY. 350pp. Available for downloading via the Internet at www.esf.edu/es/via
- Smith, K. and R. Mezich. 1999. *Comprehensive assessment of the effects of single family docks on seagrass in Palm Beach County, Florida*. Draft Report for the Florida Fish and Wildlife Conservation Commission, Tallahassee, FL.
- Southern Pine Council. 2004. *Pressure-Treated Southern Pine: standards, specifications, applications*. Available through the Southern Forest Products Association, P.O. Box 641700 Kenner, LA 70064-1700 (504) 443-4464 or Southeastern Lumber Manufacturers Association, P.O. Box 1788, Forest Park, GA. (404) 361-1445.
- State of South Carolina. 1996. *Docket No. 96-ALJ-07-0305-CC; John P. Hall vs. South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management: Final Decision*. www.scalc.net/dhec7/dhec7_3/960305.htm
- Steinitz, C. 1990. Toward a sustainable landscape with high visual preference and high ecological integrity: The loop road in Arcadia National Park, USA. *Landscape and Urban Planning* 19: 213–250.
- Steinmetz, A. M., M. M. Jeansonne, E. S. Gordon and J. W. Burns, Jr. 2004. An evaluation of glass prisms in boat docks to reduce shading of submerged aquatic vegetation in the lower St. Johns River, Florida. *Estuaries* 27: 938–944.
- Thayer, G.W., D.A. Wolff and R. B. Williams. 1975. The Impact of Man on Seagrass. *American Scientist* 63:288–296.
- Teal, John. 1962. Energy Flow in the Salt Marsh Ecosystem. *Ecology* 43: 614–624.
- Teal, John, and Mildred Teal. 1969. *Life and Death of a Saltmarsh*. Little, Brown and Company.
- Teal, John. 1986. *The Ecology of Regularly Flooded Salt Marshes of New England: A Community Profile*. U.S. Fish and Wildlife Service. Biological Report 85(7.4).
- Vernberg, F.J. 1996. Ecology of Southeastern Saltmarshes. In *Sustainable Development in the Southeastern Coastal Zone*. Eds. Vernberg, F.J., W.B. Venberg and T. Siewicki. University of South Carolina Press.
- Weigert, R.G., L.R. Pomeroy, and W.J. Wiebe. 1981. Ecology of Salt Marshes: An Introduction. In *The Ecology of a Saltmarsh*. Eds. L.R. Pomeroy and R.G. Wiegert. Springer-Verlag.
- Weinstein, J.E. 1996. Anthropogenic Impacts on Salt Marshes—A Review. In *Sustainable Development in the Southeastern Coastal Zone*. Eds. Vernberg, F.J., W.B. Venberg and T. Siewicki. University of South Carolina Press.
- Weis, P., J.S. Weis, and L.M. Coohill. 1991. Toxicity to Estuarine Organisms of Leachates from Chromated Copper Arsenate Treated Wood. *Archives of Environmental Contamination and Toxicology*. 20: 118–124.

- Weis, P., J.S. Weis, A. Greenberg, and T.J. Nosker. 1992. Toxicity of Construction Materials in the Marine Environment: A Comparison of Chromated-Copper-arsenate-Treated Wood and Recycled Plastic. *Archives of Environmental Contamination and Toxicology*. 22: 99–106.
- Weis, P. J.S. Weis and J. Couch 1993. Histopathology and bioaccumulation in oysters (*Crassostrea virginica*) living on wood preserved with chromated copper arsenate. *Diseases of Aquatic Organisms*. 17: 41-46.
- Weis, J.S. and P. Weis. 1996. The effects of using wood treated with chromated copper arsenate in shallow water environments: a review. *Estuaries* 19:306–310.
- Weis, J.S., P. Weis, and T. Proctor. 1998. The extent of benthic impacts of CCA-treated wood structures in Atlantic Coast Estuaries. *Archives of Environmental Contamination and Toxicology*. 34: 313–322.
- Weis, J.S. and P. Weis. 1998. *Effects of CCA Wood Docks and Resulting Boats on Bioaccumulation of Contaminants in Shellfish Resources: Final Report to DEP*. A report to the NJ DEP.
- Wendt, P.H., R.F. Van Dolah, M.Y. Bobo, T.D. Mathews, and M.V. Levisen. 1996. Wood Preservative Leachates from Docks in an Estuarine Environment. *Archives of Environmental Contamination and Toxicology*, 31:71–79.
- Wilson, Joshua. 2002. *The Effects of Docks and Mechanical Disturbance on Submerged Aquatic Vegetation in Tidal-Fresh Hamburg Cove (Lyme, CT)*. Yale School of Forestry and Environmental Studies.
- Wilson, Sue. 2002. *Guidelines for Landscape and Visual Impact Assessment*. SponPress, Taylor and Francis, Oxon, UK. 192 pp.
- Zabawa, C., C. Ostrom, R. J. Byrne, J. D. Boon III, R. Waller, and D. Blades. 1980. *Final report on the role of boat wakes in shore erosion in Anne Arundel County, Maryland*. Tidewater Administration, Maryland Dept. of Natural Resources. 12/1/80. 238 pp
- Zieman, J.C. 1976. The ecological effects of physical damage from motorboats on turtle grass beds in southern Florida. *Aquatic Botany* 2:127–139
- Ziencina, Mitchell. 2002. Massachusetts Department of Environmental Protection, Lakeville, MA.